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998/1960 filed 12 Jan 60, pub. 20 Sep 62.

DESCRIPTORS: *Polyaddition plastics, *Styrene plas-
tics, *Benzene, *Polymerization, *Analysis, *Orga-
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(Materials-Plastics, TT, v. 10, no. 9)

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DESCRIPTORS: *Ethylenes, *Acetylenes, Manufactur-
ing methods, Gases, Hydrocarbons, Pyrolysis, Com-
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(Chemistry--Organic, TT, v. 10, no. 7)

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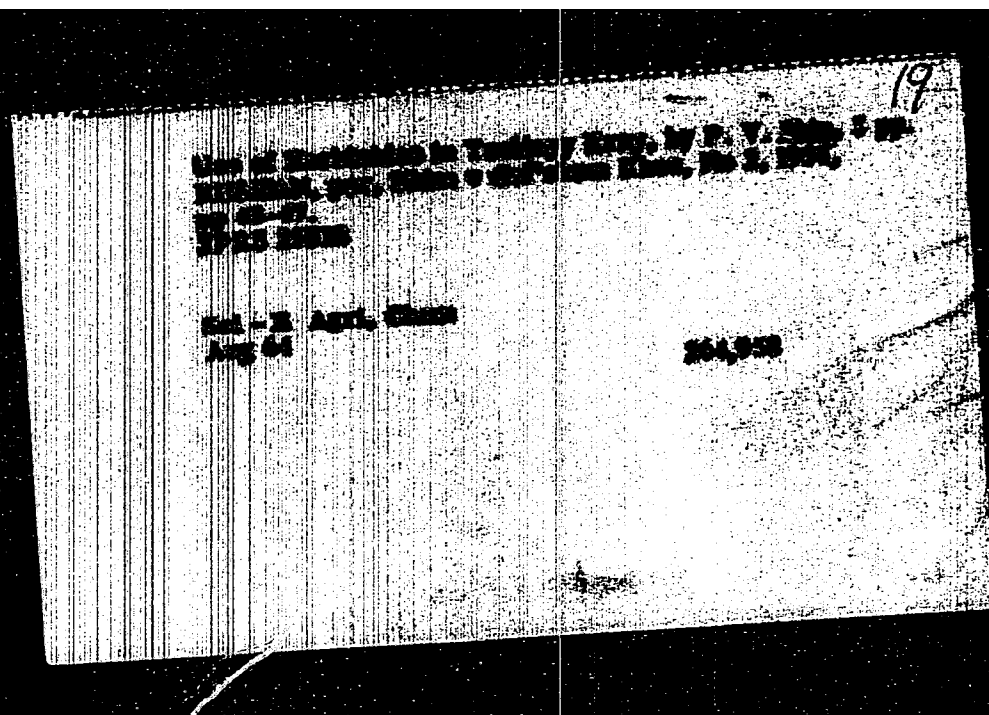
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*Nylon, *Polyethylene plastics, Mechanical properties,
Processing, Manufacturing methods, *Ethylene oxide,
Potassium compounds, Hydroxides, *Dyes, Resorcinol,
Quinones.

(Materials--Plastics, TT, v. 10, no. 4)

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DESCRIPTORS: *Fibers (Synthetic); *Polyethylene
plastics; *Ethylene; *Propylene; *Methyl radicals;
*Vinyl radicals; *Pyridine; *Acrylic acid esters;
*Styrene; *Graft polymers; *Copolymerization; *Dyes

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Textiles, Polymers, *Copolymerization, Radio
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Conventional fibers such as cellulose and nylon are
capable of forming graft polymers easily when irradi-
ated first with radioactive rays, and then placed in con-
junction with a vinyl monomer or a solution thereof.
At the time of polymerization, it is effective when water
or methanol is co-present. When a vinyl polymer with
a high transition point is grafted on, the fiber becomes
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Order from OTS, ETC or CNRS \$0.80 TT-63-26549

Trans. in French of [Nihon Nogei-Kagakkai Shi] (Japan)
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DESCRIPTORS: *Amines, Alcohols, *Fatty
acid esters, Hydrogenation, Cobalt, Ammonium com-
pounds, Thorium compounds, Oxides.

TT-63-26549

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